

The listing of claims will replace all prior versions, and listings, of claims in the application. Please amend the claims as indicated.

Listing of Claims:

1. (Original) A method for providing Internet access to a first computer via a first one of a plurality of network access nodes in a network using a plurality of globally unique IP addresses, the network access nodes each having a network address associated therewith which is unique on the network, the first network access node having a first network address associated therewith, the method comprising:

associating the first network address with the first computer while the first computer is connected to the first network access node thereby providing access to the network;

associating a first one of the globally unique IP addresses with the first network address for conducting an Internet transaction;

monitoring transmissions associated with the Internet transaction to determine address information;

processing the transmissions in response to the address information; and

disassociating the first globally unique IP address from the first network address upon termination of the Internet transaction, the first globally unique IP address then being available for association with any of the network addresses.

2. (Original) The method of claim 1 wherein the first computer has an internal IP address and associating the first network address with the first computer comprises translating the internal IP address of the first computer to the first network address.

3. (Original) The method of claim 1 wherein the first computer does not have an internal IP address and associating the first network address with the first computer comprises assigning the first network address to the first computer.

4. (Original) The method of claim 1 wherein associating the first globally unique IP address with the first computer comprises employing a network address translation protocol.

5. (Original) The method of claim 4 wherein the plurality of globally unique IP addresses comprises a pool comprising one of a plurality of class A, a plurality of class B, or a plurality of class C IP addresses.

6. (Original) The method of claim 1 wherein the network comprises a local area network and the associating and disassociating of the first globally unique IP address is done by a headend associated with the local area network.

7. (Original) The method of claim 1 wherein the network comprises a wide area network and the associating and disassociating of the first globally unique IP address is done by a remote server on the wide area network.

8. (Original) The method of claim 1 wherein associating the first network address with the first computer is done by the first network access node.

9. (Original) The method of claim 1 wherein portions of the network comprise a single pair of conductors, the method further comprising transmitting half duplex data and standard telephone signals substantially simultaneously over the single pair of conductors.

10. (Original) The method of claim 9 wherein transmitting the half duplex data comprises transmitting the half duplex data at a first frequency which is significantly higher than a second frequency at which the standard telephone signals are transmitted.

11. (Original) The method of claim 1 wherein monitoring and processing the transmissions is done by the first network access node.

12. (Original) The method of claim 1 wherein monitoring the transmissions comprises parsing an HTML string associated with the transmissions.

13. (Original) The method of claim 1 wherein monitoring the transmissions comprises monitoring network layer information associated with the transmissions.

14. (Original) The method of claim 1 wherein monitoring the transmissions comprises monitoring any of a plurality of network communication protocol layers associated with the transmissions.

15. (Original) The method of claim 1 wherein processing the transmissions comprises associating an affiliate tag with the transmissions where the transmissions correspond to an affiliate.

16. (Original) The method of claim 15 wherein associating the affiliate tag comprises appending the affiliate tag to an HTML string associated with the transmissions.

17. (Original) The method of claim 1 wherein processing the transmissions comprises generating content for presentation on the first computer.

18. (Original) The method of claim 17 wherein the transmissions relate to a first entity, the content also relating to the first entity.

19. (Original) The method of claim 17 wherein the transmissions relate to a first entity, the content relating to a second entity in competition with the first entity.

20. (Original) The method of claim 17 further comprising presenting the content on the first computer in a pop-up window.

21. (Original) The method of claim 17 further comprising presenting the content on the first computer in a frame around at least one HTML page corresponding to the transmissions.

22. (Original) The method of claim 1 wherein processing the transmissions comprises redirecting the transmissions to a server to be processed.

23. (Original) The method of claim 22 wherein processing the transmissions comprises framing HTML pages to be presented on the first computer.

24. (Original) The method of claim 22 wherein processing the transmission comprises generating a pop-up window to be presented with HTML pages on the first computer.

Please cancel claims 25-46 without prejudice.

47. (Original) A method for providing Internet access to a first computer via a first one of a plurality of network access nodes in a plurality of networks using a plurality of globally unique IP addresses, the network access nodes each having a network address associated therewith which is unique among the plurality of networks, the first network access node having a first network address associated therewith, the method comprising:

interconnecting the plurality of networks with a remote server thereby forming a wide area network, the globally unique IP addresses being associated with the remote server;

associating the first network address with the first computer while the first computer is connected to the first network access node;

associating a first one of the globally unique IP addresses with the first network address for conducting an Internet transaction;

monitoring transmissions associated with the Internet transaction to determine address information;

processing the transmissions in response to the address information; and

disassociating the first globally unique IP address from the first network address upon termination of the Internet transaction, the first globally unique IP address then being available for association with any of the network addresses.

Please cancel claims 48-69 without prejudice.